3014 (02-09-04)

ANNUAL REPORT

OF

Name: CITY OF HARTFORD UTILITIES

Principal Office: 109 NORTH MAIN STREET
HARTFORD, WI 53027

For the Year Ended: DECEMBER 31, 1998

WATER, ELECTRIC, OR JOINT UTILITY
TO
PUBLIC SERVICE COMMISSION OF WISCONSIN

P.O. Box 7854
Madison, WI 53707-7854
(608) 266-3766

This form is required under Wis. Stat. § 196.07. Failure to file the form by the statutory filing date can result in the imposition of a penalty under Wis. Stat. § 196.66. The penalty which can be imposed by this section of the statutes is a forfeiture of not less than $25 nor more than $5,000 for each violation. Each day subsequent to the filing date constitutes a separate and distinct violation. The filed form is available to the public and personally identifiable information may be used for purposes other than those related to public utility regulation.

SIGNATURE PAGE

I GARY KOPPELBERGER of
(Person responsible for accounts)

CITY OF HARTFORD UTILITIES , certify that I
(Utility Name)

am the person responsible for accounts; that I have examined the following report and, to the best of my knowledge, information and belief, it is a correct statement of the business and affairs of said utility for the period covered by the report in respect to each and every matter set forth therein.

(Signature of person responsible for accounts) 03/31/1998 (Date)

CITY ADMINISTRATOR
(Title)

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IDENTIFICATION AND OWNERSHIP

Exact Utility Name: CITY OF HARTFORD UTILITIES
Utility Address: 109 NORTH MAIN STREET
HARTFORD, WI 53027

When was utility organized? 10/24/1895
Report any change in name:
Effective Date:
Utility Web Site:

Utility employee in charge of correspondence concerning this report:

Name: GARY K KOPPELBERGER
Title: CITY ADMINISTRATOR
Office Address:
109 NORTH MAIN STREET
HARTFORD, WI 53027

Telephone: (414) 673 - 8204
Fax Number: (414) 673 - 8218
E-mail Address: gkoppel@Nconnect.net

Individual or firm, if other than utility employee, preparing this report:

Name: NONE
Title:
Office Address:

Telephone:
Fax Number:
E-mail Address:

Are records of utility audited by individuals or firms, other than utility employee? YES

Individual or firm, if other than utility employee, auditing utility records:

Name: NONE
Title:
Office Address:

Telephone:
Fax Number:
E-mail Address:

Date of most recent audit report: 12/31/1997
Period covered by most recent audit: 1997

IDENTIFICATION AND OWNERSHIP

Names and titles of utility management including manager or superintendent:

Name: NONE
Title:
Office Address:

Telephone:
Fax Number:
E-mail Address:

Name of utility commission/committee: HARTFORD COMMON COUNCIL

Names of members of utility commission/committee:

HON MURLIN BERND, ALDERPERSON
HON WILLIAM GEE, ALDERPERSON
HON DENNIS HEGY, ALDERPERSON
HON JACKI LOKKEN, ALDERPERSON
HON BRIAN RAHN, ALDERPERSON
HON JOAN RUSSELL, ALDERPERSON
HON RANDY SCHOENOFF, ALDERPERSON
HON CHARLES SHORTT, ALDERPERSON
HON WILLIAM WAGNER, ALDERPERSON

Is sewer service rendered by the utility? NO

If "yes," has the municipality, by ordinance, combined the water and sewer service into a single public utility, as provided by Wis. Stat. § 66.077 of the Wisconsin Statutes? NO

Date of Ordinance:

Are any of the utility administrative or operational functions under contract or agreement with an outside provider for the year covered by this annual report and/or current year (i.e., operation of water or sewer treatment plant)? NO

Provide the following information regarding the provider(s) of contract services:

Firm Name:

Contact Person:
Title:
Telephone:
Fax Number:
E-mail Address:

Contract/Agreement beginning-ending dates:

Provide a brief description of the nature of Contract Operations being provided:

INCOME STATEMENT

Particulars (a)	This Year (b)	Last Year (c)	
UTILITY OPERATING INCOME			
Operating Revenues (400)	10,734,942	9,664,985	1
Operating Expenses:			
Operation and Maintenance Expense (401-402)	8,966,184	7,823,653	2
Depreciation Expense (403)	724,099	617,294	3
Amortization Expense (404-407)	7,741	7,741	4
Taxes (408)	542,403	485,750	5
Total Operating Expenses	**10,240,427**	**8,934,438**	
Net Operating Income	**494,515**	**730,547**	
Income from Utility Plant Leased to Others (412-413)	0	0	6
Utility Operating Income	**494,515**	**730,547**	
OTHER INCOME			
Income from Merchandising, Jobbing and Contract Work (415-416)	26,645	67,809	7
Income from Nonutility Operations (417)	0	0	8
Nonoperating Rental Income (418)	0	0	9
Interest and Dividend Income (419)	380,277	391,915	10
Miscellaneous Nonoperating Income (421)	0	0	11
Total Other Income	**406,922**	**459,724**	
Total Income	**901,437**	**1,190,271**	
MISCELLANEOUS INCOME DEDUCTIONS			
Miscellaneous Amortization (425)	0	0	12
Other Income Deductions (426)	0	0	13
Total Miscellaneous Income Deductions	**0**	**0**	
Income Before Interest Charges	**901,437**	**1,190,271**	
INTEREST CHARGES			
Interest on Long-Term Debt (427)	575,815	549,121	14
Amortization of Debt Discount and Expense (428)	29,023	23,249	15
Amortization of Premium on Debt--Cr. (429)	0		16
Interest on Debt to Municipality (430)	0	1,523	17
Other Interest Expense (431)	0	0	18
Interest Charged to Construction--Cr. (432)	91,925		19
Total Interest Charges	**512,913**	**573,893**	
Net Income	**388,524**	**616,378**	
EARNED SURPLUS			
Unappropriated Earned Surplus (Beginning of Year) (216)	8,171,733	7,641,085	20
Balance Transferred from Income (433)	388,524	616,378	21
Miscellaneous Credits to Surplus (434)	0	0	22
Miscellaneous Debits to Surplus--Debit (435)	3,772	0	23
Appropriations of Surplus--Debit (436)	0	0	24
Appropriations of Income to Municipal Funds--Debit (439)	52,673	85,730	25
Total Unappropriated Earned Surplus End of Year (216)	**8,503,812**	**8,171,733**	

INCOME STATEMENT ACCOUNT DETAILS

1. Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.
2. Nonregulated sewer income should be reported as Income from Nonutility Operations, Account 417.

Description of Item (a)	Amount (b)	
Revenues from Utility Plant Leased to Others (412):		
NONE		1
Total (Acct. 412):	**0**	
Expenses of Utility Plant Leased to Others (413):		
NONE		2
Total (Acct. 413):	**0**	
Income from Nonutility Operations (417):		
NONE		3
Total (Acct. 417):	**0**	
Nonoperating Rental Income (418):		
NONE		4
Total (Acct. 418):	**0**	
Interest and Dividend Income (419):		
Interest on Investments	366,010	5
Interest on Special Assessments	937	6
Accrued Interest on Long-term Debt at Issuance	13,330	7
Total (Acct. 419):	**380,277**	
Miscellaneous Nonoperating Income (421):		
NONE		8
Total (Acct. 421):	**0**	
Miscellaneous Amortization (425):		
NONE		9
Total (Acct. 425):	**0**	
Other Income Deductions (426):		
NONE		10
Total (Acct. 426):	**0**	
Miscellaneous Credits to Surplus (434):		
NONE		11
Total (Acct. 434):	**0**	
Miscellaneous Debits to Surplus (435):		
Correct 1997 Report Schedule E-2 (see DWCCA-2470-PJL) of 1/12/99	3,772	12
Total (Acct. 435)--Debit:	**3,772**	
Appropriations of Surplus (436):		
Detail appropriations to (from) account 215		13
Total (Acct. 436)--Debit:	**0**	
Appropriations of Income to Municipal Funds (439):		
Resolution of Common Council #2591 of 1996	44,859	14
Installation of Park Scoreboard	7,814	15
Total (Acct. 439)--Debit:	**52,673**	

INCOME FROM MERCHANDISING, JOBBING & CONTRACT WORK (ACCTS. 415-416)

Particulars (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Revenues (account 415)	3,526	61,759			**65,285**	**1**
Costs & Expenses of Merchandising, Jobbing and Contract Work (416):						
Cost of merchandise sold	829	1,618			**2,447**	**2**
Payroll	734	4,075			**4,809**	**3**
Materials	6,848	24,308			**31,156**	**4**
Taxes	42	186			**228**	**5**
Other (list by major classes):						
NONE					**0**	**6**
Total costs and expenses	**8,453**	**30,187**	**0**	**0**	**38,640**	
Net income (or loss)	**(4,927)**	**31,572**	**0**	**0**	**26,645**	

REVENUES SUBJECT TO WISCONSIN REMAINDER ASSESSMENT

1. Report data necessary to calculate revenue subject to Wisconsin remainder assessment pursuant to Wis. Stat. § 196.85(2) and Wis. Admin. Code Ch. PSC 5.
2. If the sewer department is not regulated by the PSC, do not report sewer department data in column (d).

Description (a)	Water Utility (b)	Electric Utility (c)	Sewer Utility (Regulated Only) (d)	Gas Utility (e)	Total (f)	
Total operating revenues	1,352,382	9,382,560	0	0	**10,734,942**	**1**
Less: interdepartmental sales	0	29,878	0	0	**29,878**	**2**
Less: interdepartmental rents	0	0	0	0	**0**	**3**
Less: return on net investment in meters charged to regulated sewer department. (Do not report if nonregulated sewer.)	0				**0**	**4**
Less: uncollectibles directly expensed as reported in water acct. 904 (690 class D), sewer acct. 843, and electric acct. 904 (590 class D) -or- Net write-offs when Accumulated Provision for Uncollectible Accounts (acct. 144) is maintained					**0**	**5**
Other Increases or (Decreases) to Operating Revenues - Specify:						
NONE					**0**	**6**
Revenues subject to Wisconsin Remainder Assessment	**1,352,382**	**9,352,682**	**0**	**0**	**10,705,064**	

DISTRIBUTION OF TOTAL PAYROLL

1. Amount originally charged to clearing accounts as shown in column (b) should be shown as finally distributed in column (c).
2. The amount for clearing accounts in column (c) is entered as a negative for account "Clearing Accounts" and the distributions to accounts on all other lines in column (c) will be positive with the total of column (c) being zero.
3. Provide additional information in the schedule footnotes when necessary.

Accounts Charged (a)	Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accts. (c)	Total (d)	
Water operating expenses	228,788	26,735	**255,523**	**1**
Electric operating expenses	305,794	90,878	**396,672**	**2**
Gas operating expenses			**0**	**3**
Heating operating expenses			**0**	**4**
Sewer operating expenses			**0**	**5**
Merchandising and jobbing	4,809		**4,809**	**6**
Other nonutility expenses			**0**	**7**
Water utility plant accounts	45,903		**45,903**	**8**
Electric utility plant accounts	158,612		**158,612**	**9**
Gas utility plant accounts			**0**	**10**
Heating utility plant accounts			**0**	**11**
Sewer utility plant accounts			**0**	**12**
Accum. prov. for depreciation of water plant			**0**	**13**
Accum. prov. for depreciation of electric plant			**0**	**14**
Accum. prov. for depreciation of gas plant			**0**	**15**
Accum. prov. for depreciation of heating plant			**0**	**16**
Accum. prov. for depreciation of sewer plant			**0**	**17**
Clearing accounts	117,613	(117,613)	**0**	**18**
All other accounts			**0**	**19**
Total Payroll	**861,519**	**0**	**861,519**	

BALANCE SHEET

Assets and Other Debits (a)	Balance End of Year (b)	Balance First of Year (c)	
UTILITY PLANT			
Utility Plant (100)	29,344,698	25,362,390	1
Less: Accumulated Provision for Depreciation and Amortization of Utility Plant (110)	5,694,233	5,075,407	2
Net Utility Plant	**23,650,465**	**20,286,983**	
OTHER PROPERTY AND INVESTMENTS			
Nonutility Property (121)	1,682	1,682	3
Less: Accumulated Provision for Depreciation and Amortization of Nonutility Property (122)	0	0	4
Net Nonutility Property	**1,682**	**1,682**	
Investment in Municipality (123)	0	0	5
Other Investments (124)	294,306	259,703	6
Special Funds (125)	4,101,734	1,746,242	7
Total Other Property and Investments	**4,397,722**	**2,007,627**	
CURRENT AND ACCRUED ASSETS			
Cash and Working Funds (131)	28,762	159,167	8
Temporary Cash Investments (132)	0		9
Notes Receivable (141)	0	0	10
Customer Accounts Receivable (142)	910,642	884,485	11
Other Accounts Receivable (143)	101,578	167,931	12
Accumulated Provision for Uncollectible Accounts- -Cr. (144)	5,439	5,439	13
Receivables from Municipality (145)	5,648,888	5,284,547	14
Materials and Supplies (150)	788,349	937,925	15
Prepayments (165)	112,491	119,618	16
Other Current and Accrued Assets (170)	0		17
Total Current and Accrued Assets	**7,585,271**	**7,548,234**	
DEFERRED DEBITS			
Unamortized Debt Discount and Expense (181)	729,126	255,691	18
Extraordinary Property Losses (182)	0	0	19
Other Deferred Debits (183)	0	0	20
Total Deferred Debits	**729,126**	**255,691**	
Total Assets and Other Debits	**36,362,584**	**30,098,535**	

BALANCE SHEET

Liabilities and Other Credits (a)	Balance End of Year (b)	Balance First of Year (c)	
PROPRIETARY CAPITAL			
Capital Paid in by Municipality (200)	1,174,478	1,132,510	**21**
Appropriated Earned Surplus (215)		0	**22**
Unappropriated Earned Surplus (216)	8,503,812	8,171,733	**23**
Total Proprietary Capital	**9,678,290**	**9,304,243**	
LONG-TERM DEBT			
Bonds (221)	13,570,000	9,325,000	**24**
Advances from Municipality (223)	0	21,945	**25**
Other Long-Term Debt (224)	56,127	0	**26**
Total Long-Term Debt	**13,626,127**	**9,346,945**	
CURRENT AND ACCRUED LIABILITIES			
Notes Payable (231)	0	53,264	**27**
Accounts Payable (232)	1,384,750	849,610	**28**
Payables to Municipality (233)	850,935	873,859	**29**
Customer Deposits (235)	4,179	4,313	**30**
Taxes Accrued (236)	591	72	**31**
Interest Accrued (237)	306,318	267,981	**32**
Other Current and Accrued Liabilities (238)	99,927	92,551	**33**
Total Current and Accrued Liabilities	**2,646,700**	**2,141,650**	
DEFERRED CREDITS			
Unamortized Premium on Debt (251)	0	0	**34**
Customer Advances for Construction (252)	0		**35**
Other Deferred Credits (253)	5,897,986	5,528,543	**36**
Total Deferred Credits	**5,897,986**	**5,528,543**	
OPERATING RESERVES			
Property Insurance Reserve (261)			**37**
Injuries and Damages Reserve (262)			**38**
Pensions and Benefits Reserve (263)			**39**
Miscellaneous Operating Reserves (265)			**40**
Total Operating Reserves	**0**	**0**	
CONTRIBUTIONS IN AID OF CONSTRUCTION			
Contributions in Aid of Construction (271)	4,513,481	3,777,154	**41**
Total Liabilities and Other Credits	**36,362,584**	**30,098,535**	

NET UTILITY PLANT

Report utility plant accounts and related accumulated provisions for depreciation and amortization after allocation of common plant accounts and related provisions for depreciation and amortization to utility departments as of December 31.

Particulars (a)	Water (b)	Sewer (c)	Gas (d)	Electric (e)	
Plant Accounts:					
Utility Plant in Service (101)	11,429,301	0	0	14,463,370	**1**
Utility Plant Purchased or Sold (102)					**2**
Utility Plant in Process of Reclassification (103)					**3**
Utility Plant Leased to Others (104)					**4**
Property Held for Future Use (105)	2,590				**5**
Completed Construction not Classified (106)					**6**
Construction Work in Progress (107)	2,846,691			602,746	**7**
Utility Plant Acquisition Adjustments (108)					**8**
Other Utility Plant Adjustments (109)					**9**
Total Utility Plant	14,278,582	0	0	15,066,116	
Accumulated Provision for Depreciation and Amortization:					
Accumulated Provision for Depreciation of Utility Plant in Service (110)	1,910,610	0	0	3,783,623	**10**
Total Accumulated Provision	1,910,610	0	0	3,783,623	
Net Utility Plant	12,367,972	0	0	11,282,493	

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF UTILITY PLANT

Depreciation Accruals (Credits) during the year:
1. Report the amounts charged in the operating sections to Depreciation Expense (403).
2. If sewer operations are nonregulated, do not report sewer depreciation on this schedule.
3. Report the Depreciation Expense on Meters charged to sewer operations as an addition in the Water column.
   If the sewer is also a regulated utility by the PSC, report an equal amount as a reduction in the Sewer column.
4. Report all other accruals charged to other accounts, such as to clearing accounts.

Particulars (a)	Water (b)	Electric (c)	(d)	(e)	Total (f)	
Balance first of year	1,685,630	3,317,678			**5,003,308**	1
Credits During Year						2
Accruals:						3
Charged depreciation expense (403)	245,551	478,548			**724,099**	4
Depreciation expense on meters						5
charged to sewer (see Note 3)	0				**0**	6
Accruals charged other						7
accounts (specify):						8
Transportation Clearing Account	15,242	69,382			**84,624**	9
Salvage	1,072	1,712			**2,784**	10
Other credits (specify):						11
97 Trans. Clearing & Plant Acq. Adj	14,834	57,262			**72,096**	12
Total credits	**276,699**	**606,904**	**0**	**0**	**883,603**	13
Debits during year						14
Book cost of plant retired	50,749	90,385			**141,134**	15
Cost of removal	970	50,574			**51,544**	16
Other debits (specify):						17
	0	0			**0**	18
Total debits	**51,719**	**140,959**	**0**	**0**	**192,678**	19
Balance End of Year	**1,910,610**	**3,783,623**	**0**	**0**	**5,694,233**	20
Composite Depreciation Rate?	No	No				21
If yes, what is the rate?						22

NET NONUTILITY PROPERTY (ACCTS. 121 & 122)

1. Report separately each item of property with a book cost of $5,000 or more included in account 121.
2. Other items may be grouped by classes of property.
3. Describe in detail any investment in sewer department carried in this account.

Description (a)	Balance First of Year (b)	Additions During Year (c)	Deductions During Year (d)	Balance End of Year (e)	
Nonregulated sewer plant	0			**0**	**1**
Other (specify):					
LAND AT ABANDONED WELL 8	1,682			**1,682**	**2**
Total Nonutility Property (121)	**1,682**	**0**	**0**	**1,682**	
Less accum. prov. depr. & amort. (122)	0			**0**	**3**
Net Nonutility Property	**1,682**	**0**	**0**	**1,682**	

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS-CR. (ACCT. 144)

Particulars (a)	Amount (b)	
Balance first of year	5,439	1
Additions:		
Provision for uncollectibles during year	0	2
Collection of accounts previously written off: Utility Customers		3
Collection of accounts previously written off: Others		4
Total Additions	**0**	
Deductions:		
Accounts written off during the year: Utility Customers		5
Accounts written off during the year: Others		6
Total accounts written off	**0**	
Balance end of year	**5,439**	

MATERIALS AND SUPPLIES

Account (a)	Generation (b)	Transmission (c)	Distribution (d)	Other (e)	Total End of Year (f)	Amount Prior Year (g)	
Electric Utility							
Fuel for generation					**0**	0	**1**
Other		150,607	602,427		**753,034**	904,318	**2**
Total Electric Utility					**753,034**	**904,318**	

Account	Total End of Year	Amount Prior Year	
Electric utility total	**753,034**	**904,318**	**1**
Water utility	35,315	33,607	**2**
Sewer utility		0	**3**
Gas utility		0	**4**
Merchandise		0	**5**
Other materials & supplies		0	**6**
Total Materials and Supplies	**788,349**	**937,925**	

UNAMORTIZED DEBT DISCOUNT & EXPENSE & PREMIUM ON DEBT (ACCTS. 181 AND 251)

Report net discount and expense or premium separately for each security issue.

Debt Issue to Which Related (a)	Written Off During Year: Amount (b)	Written Off During Year: Account Charged or Credited (c)	Balance End of Year (d)	
Unamortized debt discount & expense (181)				
1991 W & E REVENUE BONDS	0	428	0	**1**
1992 W & E REVENUE BONDS	0	428	0	**2**
1993 W & E REFUNDING BONDS	11,748	428	123,240	**3**
1993 W & E REVENUE BONDS	1,742	428	18,293	**4**
1998 W & E REVENUE BONDS	15,067	428	587,593	**5**
FISCAL AGENT FEES	466	428	0	**6**
Total			**729,126**	
Unamortized premium on debt (251)				
NONE	0	0	0	**7**
Total			**0**	

CAPITAL PAID IN BY MUNICIPALITY (ACCT. 200)

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D, sewer and privates) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Amount (b)	
Balance first of year	1,132,510	1
Changes during year (explain):		
New Wastewater Treatment Plant Electric Extension	23,064	2
Street Lights on new street	18,904	3
Balance end of year	**1,174,478**	

BONDS (ACCT. 221)

1. Report hereunder information required for each separate issue of bonds.
2. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.
3. Proceeds advanced by the municipality from sale of general obligation bonds, if repayable by utility, should be included in account 223.

Description of Issue (a)	Date of Issue (b)	Final Maturity Date (c)	Interest Rate (d)	Principal Amount End of Year (e)	
1991 W & E REVENUE BONDS	07/01/1991	07/01/2009	6.58%	0	1
1992 W & E REVENUE BONDS	07/01/1992	07/01/2008	5.31%	0	2
1993 W & E REVENUE BONDS	07/01/1993	07/01/2009	4.60%	915,000	3
1993 W & E REFUNDING BONDS	08/01/1993	07/01/2009	4.10%	3,955,000	4
1998 W & E REVENUE BONDS	08/01/1998	07/01/2018	5.05%	8,700,000	5
		Total Bonds (Account 221):		**13,570,000**	

NOTES PAYABLE & MISCELLANEOUS LONG-TERM DEBT

1. Report each class of debt included in Accounts 223, 224 and 231.
2. Proceeds of general obligation issues, if subject to repayment by the utility, should be included in Account 223.
3. If there is more than one interest rate for an aggregate obligation issue, average the interest rates and report one rate.

Account and Description of Obligation (a and b)	Date of Issue (c)	Final Maturity Date (d)	Interest Rate (e)	Principal Amount End of Year (f)	
Other Long-Term Debt (224)					
1996 G. O. NOTES	10/01/1996	10/01/2006	4.60%	10,945	**1**
1994 DSM LOAN - WPPI	01/21/1994	01/21/2004	2.00%	45,182	**2**
Total for Account 224				**56,127**	

TAXES ACCRUED (ACCT. 236)

Particulars (a)	Amount (b)	
Balance first of year	72	1
Accruals:		
Charged water department expense	250,166	2
Charged electric department expense	362,432	3
Charged sewer department expense		4
Other (explain):		
NONE		5
Total Accruals and other credits	**612,598**	
Taxes paid during year:		
County, state and local taxes	514,411	6
Social Security taxes	84,718	7
PSC Remainder Assessment	12,950	8
Other (explain):		
NONE		9
Total payments and other debits	**612,079**	
Balance end of year	**591**	

INTEREST ACCRUED (ACCT. 237)

1. Report below interest accrued on each utility obligation.
2. Report Customer Deposits under Account 231.

Description of Issue (a)	Interest Accrued Balance First of Year (b)	Interest Accrued During Year (c)	Interest Paid During Year (d)	Interest Accrued Balance End of Year (e)	
Bonds (221)					
1991 REVENUE BONDS	53,950	53,950	107,900	**0**	**1**
1992 REVENUE BONDS	82,529	82,529	165,058	**0**	**2**
1993 REVENUE BONDS	26,434	51,768	52,868	**25,334**	**3**
1993 REFUNDING BOND	104,499	203,198	208,998	**98,699**	**4**
1998 REVENUE BONDS		181,777	0	**181,777**	**5**
Subtotal	**267,412**	**573,222**	**534,824**	**305,810**	
Advances from Municipality (223)					
1996 GO NOTES	361	0	361	**0**	**6**
Subtotal	**361**	**0**	**361**	**0**	
Other Long-Term Debt (224)					
CUSTOMER DEPOSITS	0	205	205	**0**	**7**
1994 DSM LOAN WPPI	208	974	1,005	**177**	**8**
1996 GO NOTES		1,414	1,083	**331**	**9**
Subtotal	**208**	**2,593**	**2,293**	**508**	
Notes Payable (231)					
NONE	0			**0**	**10**
Subtotal	**0**	**0**	**0**	**0**	
Total	**267,981**	**575,815**	**537,478**	**306,318**	

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

Particulars (a)	Water (b)	Electric Distribution (c)	Electric Other (d)	Sewer (e)	Gas (f)	Total (g)	
Balance First of Year	2,973,778	803,376	0	0	0	**3,777,154**	1
Add credits during year:							
For Services	3,500	648,011				**651,511**	2
For Mains	84,816					**84,816**	3
Other (specify):							
NONE						**0**	4
Deduct charges (specify):							
NONE						**0**	5
Balance End of Year	**3,062,094**	**1,451,387**	**0**	**0**	**0**	**4,513,481**	
Amount of federal and state grants in aid received for utility construction included in End of Year totals						**0**	6

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Investment in Municipality (123):		
NONE		1
Total (Acct. 123):	**0**	
Other Investments (124):		
Interest Due on Special Assessments	86	2
Special Assessments - Watermains	10,766	3
Watermain Assessments - Due in Annual Installments	34,356	4
Watermain Assessments - Due Upon Annexation	249,098	5
Total (Acct. 124):	**294,306**	
Special Funds (125):		
1993 Revenue Bonds - Cash & Cash Equivalents	191,684	6
1993 Refunding Bonds - Cash & Cash Equivalents	753,842	7
1998 Revenue Bonds - Cash & Cash Equivalents	3,144,601	8
1996 GO Promissory Notes - Cash & Equivalents	11,607	9
Total (Acct. 125):	**4,101,734**	
Notes Receivable (141):		
NONE		10
Total (Acct. 141):	**0**	
Customer Accounts Receivable (142):		
Water	117,197	11
Electric	793,445	12
Sewer (Regulated)		13
Other (specify):		
NONE		14
Total (Acct. 142):	**910,642**	
Other Accounts Receivable (143):		
Sewer (Non-regulated)		15
Merchandising, jobbing and contract work	92,025	16
Other (specify):		
Interest Receivable from Investments	9,553	17
Total (Acct. 143):	**101,578**	
Receivables from Municipality (145):		
Tax Incremental District #4 Project Costs	5,648,888	18
Total (Acct. 145):	**5,648,888**	
Prepayments (165):		
Health Insurance Premiums	9,216	19
Expendable Work Orders Open	101,502	20

BALANCE SHEET END-OF-YEAR ACCOUNT BALANCES

Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D) and all other lesser amounts grouped as Miscellaneous. Describe fully using other than account titles.

Particulars (a)	Balance End of Year (b)	
Prepayments (165):		
Miscellaneous Prepaid Expenses	1,773	**21**
Total (Acct. 165):	**112,491**	
Extraordinary Property Losses (182):		
NONE		**22**
Total (Acct. 182):	**0**	
Other Deferred Debits (183):		
NONE		**23**
Total (Acct. 183):	**0**	
Payables to Municipality (233):		
Working Capital Payable To Municipality	850,935	**24**
Total (Acct. 233):	**850,935**	
Other Deferred Credits (253):		
Deferred Special Assessments (Watermain)	249,098	**25**
Deferred Revenue - Tax Incremental District #4 Project Costs	5,648,888	**26**
Total (Acct. 253):	**5,897,986**	

RETURN ON RATE BASE COMPUTATION

1. The data used in calculating rate base are averages.
2. Calculate those averages by summing the first-of-year and the end-of-year figures for each account and then dividing the sum by two.
3. Note: Do not include property held for future use or construction work in progress with utility plant in service. These are not rate base components.

Average Rate Base (a)	Water (b)	Electric (c)	Sewer (d)	Gas (e)	Total (f)	
Add Average:						
Utility Plant in Service	10,910,724	13,918,404	0	0	**24,829,128**	**1**
Materials and Supplies	34,461	828,676	0	0	**863,137**	**2**
Other (specify):						
					0	**3**
Less Average:						
Reserve for Depreciation	1,798,120	3,550,650	0	0	**5,348,770**	**4**
Customer Advances for Construction					**0**	**5**
Contributions in Aid of Construction	3,017,936	1,127,381	0	0	**4,145,317**	**6**
Other (specify):						
					0	**7**
Average Net Rate Base	**6,129,129**	**10,069,049**	**0**	**0**	**16,198,178**	
Net Operating Income	181,497	313,018	0	0	**494,515**	**8**
Net Operating Income as a percent of Average Net Rate Base	**2.96%**	**3.11%**	**N/A**	**N/A**	**3.05%**	

RETURN ON PROPRIETARY CAPITAL COMPUTATION

1. The data used in calculating proprietary capital are averages.
2. Calculate those averages by summing the first-of-year and end-of-year figures for each account and then dividing by two.

Description (a)	Amount (b)	
Average Proprietary Capital		
Capital Paid in by Municipality	1,153,494	**1**
Appropriated Earned Surplus	0	**2**
Unappropriated Earned Surplus	8,337,772	**3**
Other (Specify):		**4**
Total Average Proprietary Capital	**9,491,266**	
Net Income		
Net Income	388,524	**5**
Percent Return on Proprietary Capital	**4.09%**	

IMPORTANT CHANGES DURING THE YEAR

Report changes of any of the following types:

1. Acquisitions.

2. Leaseholder changes.

3. Extensions of service.

4. Estimated changes in revenues due to rate changes.

5. Obligations incurred or assumed, excluding commercial paper.

Issued $8,700,000 of 1998 Water and Electric Revenue Bonds, including refunding of 1991 and 1992 Water and Electric Revenue Bond Issues, and the addition of $4,400,000 of new project money.

6. Formal proceedings with the Public Service Commission.

7. Any additional matters.

FINANCIAL SECTION FOOTNOTES

Identification and Ownership (Page iv)

October 22, 1999

Mr. Gary K. Koppelberger, City Administrator
City of Hartford Utilities
109 North Main Street
Hartford, WI 53027-1500

1998 Analytical Review DWCCA-2470-ELE

Dear Mr. Koppelberger:

The Public Service Commission has completed their analytical review of your 1998 annual report. The primary purpose of our analytical review is to detect possible accounting related errors and to identify significant fluctuations from prior year's data, which are not sufficiently explained in the footnotes of your annual report. Our review did not identify any such issues. We are closing the review of your 1998 annual report.

Thank you for your efforts in preparing your 1998 annual report. If you have any questions, please feel free to contact me at (608) 266-3768.

Sincerely,

Elaine Engelke
Financial Specialist
Division of Water, Compliance, and Consumer Affairs

ELE:tlk:w:\compl\analytical review letters\Oct 22, 1999 letters e1.doc

cc: Mr. William Gee, Alderperson

WATER OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Water		
Sales of Water (460-467)	1,350,076	**1**
Total Sales of Water	**1,350,076**	
Other Operating Revenues		
Forfeited Discounts (470)	2,306	**2**
Miscellaneous Service Revenues (471)	0	**3**
Rents from Water Property (472)	0	**4**
Interdepartmental Rents (473)	0	**5**
Other Water Revenues (474)	0	**6**
Amortization of Construction Grants (475)	0	**7**
Total Other Operating Revenues	**2,306**	
Total Operating Revenues	**1,352,382**	
Operation and Maintenenance Expenses		
Source of Supply Expenses (600-605)	900	**8**
Pumping Expenses (620-625)	150,082	**9**
Water Treatment Expenses (630-635)	41,765	**10**
Transmission and Distribution Expenses (640-655)	217,355	**11**
Customer Accounts Expenses (901-904)	78,846	**12**
Sales Expenses (910)	0	**13**
Administrative and General Expenses (920-935)	207,283	**14**
Total Operation and Maintenenance Expenses	**696,231**	
Other Operating Expenses		
Depreciation Expense (403)	245,551	**15**
Amortization Expense (404-407)	0	**16**
Taxes (408)	229,103	**17**
Total Other Operating Expenses	**474,654**	
Total Operating Expenses	**1,170,885**	
NET OPERATING INCOME	**181,497**	

WATER OPERATING REVENUES - SALES OF WATER

1. Where customer meters record cubic feet, multiply by 7.48 to obtain number of gallons.
2. Report estimated gallons for unmetered sales.
3. Sales to multiple dwelling buildings through a single meter serving 3 or more family units should be classified commercial.
4. Bulk sales should be account 460.

Particulars (a)	Average No. Customers (b)	Thousands of Gallons of Water Sold (c)	Amounts (d)	
Operating Revenues				
Sales of Water				
Unmetered Sales to General Customers (460)				
Residential				1
Commercial	12	237	1,243	2
Industrial				3
Total Unmetered Sales to General Customers (460)	**12**	**237**	**1,243**	
Metered Sales to General Customers (461)				
Residential	2,883	179,648	520,577	4
Commercial	347	101,559	220,278	5
Industrial	44	121,818	201,628	6
Total Metered Sales to General Customers (461)	**3,274**	**403,025**	**942,483**	
Private Fire Protection Service (462)	33		33,749	7
Public Fire Protection Service (463)	1		345,776	8
Other Sales to Public Authorities (464)	28	11,213	26,825	9
Sales to Irrigation Customers (465)				10
Sales for Resale (466)		0	0	11
Interdepartmental Sales (467)				12
Total Sales of Water	**3,348**	**414,475**	**1,350,076**	

SALES FOR RESALE (ACCT. 466)

Use a separate line for each delivery point.

Customer Name (a)	Point of Delivery (b)	Thousands of Gallons Sold (c)	Revenues (d)

NONE

OTHER OPERATING REVENUES (WATER)

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.
3. For a combined utility which also provides sewer service that is based upon water readings, report the return on net investment in meters charged to sewer department in Other Water Revenues (474).

Particulars (a)	Amount (b)	
Public Fire Protection Service (463):		
Amount billed (usually per rate schedule F-1)	345,776	1
Wholesale fire protection billed		2
Amount billed for fighting fires outside utility's service areas (usually per rate schedule F-2 or BW-1)		3
Other (specify):		
NONE		4
Total Public Fire Protection Service (463)	**345,776**	
Forfeited Discounts (470):		
Customer late payment charges	2,306	5
Other (specify):		
NONE		6
Total Forfeited Discounts (470)	**2,306**	
Miscellaneous Service Revenues (471):		
NONE		7
Total Miscellaneous Service Revenues (471)	**0**	
Rents from Water Property (472):		
NONE		8
Total Rents from Water Property (472)	**0**	
Interdepartmental Rents (473):		
NONE		9
Total Interdepartmental Rents (473)	**0**	
Other Water Revenues (474):		
Return on net investment in meters charged to sewer department		10
Other (specify):		
NONE		11
Total Other Water Revenues (474)	**0**	
Amortization of Construction Grants (475):		
NONE		12
Total Amortization of Construction Grants (475)	**0**	

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than $5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
SOURCE OF SUPPLY EXPENSES		
Operation Labor (600)		1
Purchased Water (601)		2
Operation Supplies and Expenses (602)	900	3
Maintenance of Water Source Plant (605)		4
Total Source of Supply Expenses	**900**	
PUMPING EXPENSES		
Operation Labor (620)	18,272	5
Fuel for Power Production (621)		6
Fuel or Power Purchased for Pumping (622)	50,122	7
Operation Supplies and Expenses (623)	8,728	8
Maintenance of Pumping Plant (625)	72,960	9
Total Pumping Expenses	**150,082**	
WATER TREATMENT EXPENSES		
Operation Labor (630)	11,252	10
Chemicals (631)	16,602	11
Operation Supplies and Expenses (632)	4,613	12
Maintenance of Water Treatment Plant (635)	9,298	13
Total Water Treatment Expenses	**41,765**	
TRANSMISSION AND DISTRIBUTION EXPENSES		
Operation Labor (640)	32,683	14
Operation Supplies and Expenses (641)	3,528	15
Maintenance of Distribution Reservoirs and Standpipes (650)	14	16
Maintenance of Mains (651)	139,569	17
Maintenance of Services (652)	17,567	18
Maintenance of Meters (653)	19,142	19
Maintenance of Hydrants (654)	4,852	20
Maintenance of Other Plant (655)	0	21
Total Transmission and Distribution Expenses	**217,355**	

WATER OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than $5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
CUSTOMER ACCOUNTS EXPENSES		
Meter Reading Labor (901)	10,813	**22**
Accounting and Collecting Labor (902)	41,654	**23**
Supplies and Expenses (903)	26,379	**24**
Uncollectible Accounts (904)	0	**25**
Total Customer Accounts Expenses	**78,846**	
SALES EXPENSES		
Sales Expenses (910)	0	**26**
Total Sales Expenses	**0**	
ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	58,790	**27**
Office Supplies and Expenses (921)	9,268	**28**
Administrative Expenses Transferred--Credit (922)	0	**29**
Outside Services Employed (923)	35,770	**30**
Property Insurance (924)	11,005	**31**
Injuries and Damages (925)	0	**32**
Employee Pensions and Benefits (926)	82,595	**33**
Regulatory Commission Expenses (928)	0	**34**
Miscellaneous General Expenses (930)	3,060	**35**
Transportation Expenses (933)	0	**36**
Maintenance of General Plant (935)	6,795	**37**
Total Administrative and General Expenses	**207,283**	
Total Operation and Maintenance Expenses	**696,231**	

TAXES (ACCT. 408 - WATER)

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		216,732	1
Less: Local and School Tax Equivalent on Meters Charged to Sewer Department			2
Net property tax equivalent		**216,732**	
Social Security		20,997	3
PSC Remainder Assessment	Gross Revenues	1,904	4
Other (specify):			
PILOT charged to overhead		(4,932)	5
FICA charged to overhead		(5,556)	6
FICA charged to merchandising		(42)	7
Total tax expense		**229,103**	

PROPERTY TAX EQUIVALENT (WATER)

1. No property tax equivalent shall be determined for sewer utilities or town sanitary district water utilities.
2. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
3. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
4. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
5. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
6. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
7. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Washington				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.201145				3
County tax rate	mills		3.949232				4
Local tax rate	mills		7.416320				5
School tax rate	mills		12.699696				6
Voc. school tax rate	mills		1.433905				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		**25.700298**				10
Less: state credit	mills		1.890294				11
Net tax rate	mills		**23.810004**				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		**7.416320**				14
Combined School Tax Rate	mills		**14.133601**				15
Other Tax Rate - Local	mills		**0.000000**				16
Total Local & School Tax	mills		**21.549921**				17
Total Tax Rate	mills		**25.700298**				18
Ratio of Local and School Tax to Total	dec.		**0.838509**				19
Total tax net of state credit	mills		**23.810004**				20
Net Local and School Tax Rate	mills		**19.964893**				21
Utility Plant, Jan. 1	$	**11,649,317**	11,649,317				22
Materials & Supplies	$	**33,607**	33,607				23
Subtotal	$	**11,682,924**	**11,682,924**				24
Less: Plant Outside Limits	$	**767,235**	767,235				25
Taxable Assets	$	**10,915,689**	**10,915,689**				26
Assessment Ratio	dec.		0.994500				27
Assessed Value	$	**10,855,653**	**10,855,653**				28
Net Local & School Rate	mills		**19.964893**				29
Tax Equiv. Computed for Current Year	$	**216,732**	**216,732**				30
Tax Equivalent per 1994 PSC Report	$	177,264					31
Any lower tax equivalent as authorized by municipality (see note 6)	$						32 33
Tax equiv. for current year (see note 6)	$	**216,732**					34

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over $50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 372.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	**0**	**0**	
SOURCE OF SUPPLY PLANT			
Land and Land Rights (310)	33,368	0	4
Structures and Improvements (311)	0		5
Collecting and Impounding Reservoirs (312)	30,367	47,000	6
Lake, River and Other Intakes (313)	0		7
Wells and Springs (314)	652,502	0	8
Infiltration Galleries and Tunnels (315)	0		9
Supply Mains (316)	0		10
Other Water Source Plant (317)	0		11
Total Source of Supply Plant	**716,237**	**47,000**	
PUMPING PLANT			
Land and Land Rights (320)	0		12
Structures and Improvements (321)	177,628	1,482	13
Boiler Plant Equipment (322)	0		14
Other Power Production Equipment (323)	0		15
Steam Pumping Equipment (324)	0		16
Electric Pumping Equipment (325)	658,256	7,552	17
Diesel Pumping Equipment (326)	0		18
Hydraulic Pumping Equipment (327)	0		19
Other Pumping Equipment (328)	4,400	0	20
Total Pumping Plant	**840,284**	**9,034**	
WATER TREATMENT PLANT			
Land and Land Rights (330)	0		21
Structures and Improvements (331)	0		22
Water Treatment Equipment (332)	42,540	0	23
Total Water Treatment Plant	**42,540**	**0**	
TRANSMISSION AND DISTRIBUTION PLANT			
Land and Land Rights (340)	6,509	0	24
Structures and Improvements (341)	0		25

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			**0**	**1**
Franchises and Consents (302)			**0**	**2**
Miscellaneous Intangible Plant (303)			**0**	**3**
Total Intangible Plant	**0**	**0**	**0**	
SOURCE OF SUPPLY PLANT				
Land and Land Rights (310)			**33,368**	**4**
Structures and Improvements (311)			**0**	**5**
Collecting and Impounding Reservoirs (312)			**77,367**	**6**
Lake, River and Other Intakes (313)			**0**	**7**
Wells and Springs (314)			**652,502**	**8**
Infiltration Galleries and Tunnels (315)			**0**	**9**
Supply Mains (316)			**0**	**10**
Other Water Source Plant (317)			**0**	**11**
Total Source of Supply Plant	**0**	**0**	**763,237**	
PUMPING PLANT				
Land and Land Rights (320)			**0**	**12**
Structures and Improvements (321)			**179,110**	**13**
Boiler Plant Equipment (322)			**0**	**14**
Other Power Production Equipment (323)			**0**	**15**
Steam Pumping Equipment (324)			**0**	**16**
Electric Pumping Equipment (325)	0	(276,432)	**389,376**	**17**
Diesel Pumping Equipment (326)			**0**	**18**
Hydraulic Pumping Equipment (327)			**0**	**19**
Other Pumping Equipment (328)			**4,400**	**20**
Total Pumping Plant	**0**	**(276,432)**	**572,886**	
WATER TREATMENT PLANT				
Land and Land Rights (330)			**0**	**21**
Structures and Improvements (331)			**0**	**22**
Water Treatment Equipment (332)			**42,540**	**23**
Total Water Treatment Plant	**0**	**0**	**42,540**	
TRANSMISSION AND DISTRIBUTION PLANT				
Land and Land Rights (340)			**6,509**	**24**
Structures and Improvements (341)			**0**	**25**

WATER UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over $50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 372.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION AND DISTRIBUTION PLANT			
Distribution Reservoirs and Standpipes (342)	226,302	0	**26**
Transmission and Distribution Mains (343)	6,302,548	806,201	**27**
Fire Mains (344)	0		**28**
Services (345)	649,641	152,302	**29**
Meters (346)	466,235	5,430	**30**
Hydrants (348)	631,339	63,224	**31**
Other Transmission and Distribution Plant (349)	250	0	**32**
Total Transmission and Distribution Plant	**8,282,824**	**1,027,157**	
GENERAL PLANT			
Land and Land Rights (389)	0		**33**
Structures and Improvements (390)	21,108	0	**34**
Office Furniture and Equipment (391)	11,813	0	**35**
Computer Equipment (391.1)	159,209	3,544	**36**
Transportation Equipment (392)	141,277	0	**37**
Stores Equipment (393)	0		**38**
Tools, Shop and Garage Equipment (394)	30,676	934	**39**
Laboratory Equipment (395)	4,423	0	**40**
Power Operated Equipment (396)	42,287	0	**41**
Communication Equipment (397)	92,486	233	**42**
SCADA Equipment (397.1)	0		**43**
Miscellaneous Equipment (398)	6,984	0	**44**
Other Tangible Property (399)	0		**45**
Total General Plant	**510,263**	**4,711**	
Total utility plant in service directly assignable	**10,392,148**	**1,087,902**	
Common Utility Plant Allocated to Water Department	0		**46**
Total utility plant in service	**10,392,148**	**1,087,902**	

WATER UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION AND DISTRIBUTION PLANT				
Distribution Reservoirs and Standpipes (342)			**226,302**	**26**
Transmission and Distribution Mains (343)	46,493		**7,062,256**	**27**
Fire Mains (344)			**0**	**28**
Services (345)			**801,943**	**29**
Meters (346)	3,833		**467,832**	**30**
Hydrants (348)	423		**694,140**	**31**
Other Transmission and Distribution Plant (349)			**250**	**32**
Total Transmission and Distribution Plant	**50,749**	**0**	**9,259,232**	
GENERAL PLANT				
Land and Land Rights (389)			**0**	**33**
Structures and Improvements (390)			**21,108**	**34**
Office Furniture and Equipment (391)			**11,813**	**35**
Computer Equipment (391.1)		276,432	**439,185**	**36**
Transportation Equipment (392)			**141,277**	**37**
Stores Equipment (393)			**0**	**38**
Tools, Shop and Garage Equipment (394)			**31,610**	**39**
Laboratory Equipment (395)			**4,423**	**40**
Power Operated Equipment (396)			**42,287**	**41**
Communication Equipment (397)			**92,719**	**42**
SCADA Equipment (397.1)			**0**	**43**
Miscellaneous Equipment (398)			**6,984**	**44**
Other Tangible Property (399)			**0**	**45**
Total General Plant	**0**	**276,432**	**791,406**	
Total utility plant in service directly assignable	**50,749**	**0**	**11,429,301**	
Common Utility Plant Allocated to Water Department			**0**	**46**
Total utility plant in service	**50,749**	**0**	**11,429,301**	

SOURCE OF SUPPLY, PUMPING AND PURCHASED WATER STATISTICS

Month (a)	Sources of Water Supply: Purchased Water Gallons (000's) (b)	Surface Water Gallons (000's) (c)	Ground Water Gallons (000's) (d)	Total Gallons All Methods (000's) (e)	
January			40,159	**40,159**	1
February			36,692	**36,692**	2
March			41,913	**41,913**	3
April			41,450	**41,450**	4
May			45,308	**45,308**	5
June			46,355	**46,355**	6
July			51,220	**51,220**	7
August			47,341	**47,341**	8
September			44,441	**44,441**	9
October			42,746	**42,746**	10
November			42,702	**42,702**	11
December			41,412	**41,412**	12
Total for year	**0**	**0**	**521,739**	**521,739**	

Less: Measured or estimated water used in main flushing and water treatment during year	150	13
Less: Other utility use	0	14
Other utility use explanation:		15
Water pumped into distribution system	**521,589**	16
Less: Water sold	414,475	17
Losses and unaccounted for	**107,114**	18
Percent unaccounted for to the nearest whole percent (%)	**21%**	19
If more than 25%, indicate causes and state what action has been taken to reduce water loss:		20
Maximum gallons pumped by all methods in any one day during reporting year	3,001	21
Date of maximum: 7/13/1998		22
Cause of maximum: watering lawns		23
Minimum gallons pumped by all methods in any one day during reporting year	539	24
Date of minimum: 10/2/1998		25
Total KWH used for pumping for the year	867,292	26
If water is purchased:Vendor Name:		27
Point of Delivery:		28

SOURCES OF WATER SUPPLY - GROUND WATERS

Location (a)	Identification Number (b)	Depth in feet (c)	Well Diameter in inches (d)	Yield Per Day in gallons (e)	Currently In Service? (f)	
EAST EAGLE POINT ROAD	WELL 10	50	20	936,000	Yes	**1**
END OF TERI LANE	WELL 11	74	18	489,600	Yes	**2**
6043 HWY 60 EAST	WELL 12	75	18	792,000	Yes	**3**
6002 HWY 60 EAST	WELL 13	40	24	573,120	Yes	**4**
GOODLAND ROAD	WELL 15	182	20	1,000,000	Yes	**5**
SOUTH END OF SIXTH STREET	WELL 4	704	12	345,600	Yes	**6**

SOURCES OF WATER SUPPLY - SURFACE WATERS

Location (a)	Intakes				
	Identification Number (b)	Distance From Shore in feet (c)	Depth Below Surface in feet (d)	Diameter in inches (e)	
NONE					1

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	BOOSTER 10	BOOSTER 4	WELL 10	1
Location	EAST EAGLE POINT ROAD	JTH END OF SIXTH STREET	EAST EAGLE POINT ROAD	2
Purpose	B	B	P	3
Destination	R	R	R	4
Pump Manufacturer	LAYNE	FAIRBANKS	LAYNE	5
Year Installed	1962	1992	1962	6
Type	VERTICAL TURBINE	CENTRIFUGAL	VERTICAL TURBINE	7
Actual Capacity (gpm)	650	450	710	8
Pump Motor or				9
Standby Engine Mfr	US ELECTRIC	BLANK	US ELECTRIC	10
Year Installed	1960	1997	1960	11
Type	ELECTRIC	ELECTRIC	ELECTRIC	12
Horsepower	50	25	15	13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification	WELL 11	WELL 12	WELL 13	14
Location	END OF TERI LANE	6043 HWY 60 EAST	6002 HWY 60 EAST	15
Purpose	P	P	P	16
Destination	R	R	R	17
Pump Manufacturer	LAYNE	LAYNE	LAYNE	18
Year Installed	1968	1994	1980	19
Type	VERTICAL TURBINE	VERTICAL TURBINE	VERTICAL TURBINE	20
Actual Capacity (gpm)	275	1	325	21
Pump Motor or				22
Standby Engine Mfr	US ELECTRIC	US ELECTRIC	WESTINGHOUSE	23
Year Installed	1968	1996	1980	24
Type	ELECTRIC	ELECTRIC	ELECTRIC	25
Horsepower	25	30	30	26

PUMPING & POWER EQUIPMENT

1. Use a separate column for each pump.
2. Indicate purpose of pump by: P for primary (from source to reservoir, treatment or distribution system), B for booster (from reservoir or treatment to distribution system, or within distribution system), or S for standby pumping equipment.
3. Indicate destination (of water pumped) by: R for reservoir, T for treatment or D for distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification	WELL 15	WELL 4		1
Location	GOODLAND ROAD	JTH END OF SIXTH STREET		2
Purpose	P	P		3
Destination	R	R		4
Pump Manufacturer	LAYNE	LAYNE		5
Year Installed	1993	1992		6
Type	VERTICAL TURBINE	VERTICAL TURBINE		7
Actual Capacity (gpm)	1,250	500		8
Pump Motor or				9
Standby Engine Mfr	GENERAL ELECTRIC	BLANK		10
Year Installed	1993	1997		11
Type	ELECTRIC	ELECTRIC		12
Horsepower	100	75		13

Particulars (a)	Unit D (b)	Unit E (c)	Unit F (d)	
Identification				14
Location				15
Purpose				16
Destination				17
Pump Manufacturer				18
Year Installed				19
Type				20
Actual Capacity (gpm)				21
Pump Motor or				22
Standby Engine Mfr				23
Year Installed				24
Type				25
Horsepower				26

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	HIGH STREET TOWER	HWY U TOWER	WELL 10	1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R	R	R	5
Year constructed	1933	1997	1961	6
Primary material (earthen, steel,				7
concrete, other)	STEEL	STEEL	CONCRETE	8
Elevation difference in feet				9
(See Headnote 3.)	1	1	1	10
Total capacity in gallons	150,000	500,000	150,000	11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	OTHER	OTHER	OTHER	14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	OTHER	OTHER	OTHER	17
Filters, type (gravity, pressure,				18
other, none)	NONE	NONE	NONE	19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	1.0000	1.0000	1.0000	22
Is a corrosion control chemical				23
used (yes, no)?	N	N	N	24
Is water fluoridated (yes, no)?	Y	Y	Y	25

RESERVOIRS, STANDPIPES & WATER TREATMENT

1. Identify as R (reservoir), S (standpipe) & ET (elevated tank).
2. Use a separate column for each using additional copies if necessary.
3. Enter elevation difference between highest water level in S or ET, (or R only on an elevated site) and the water main where the connection to the storage begins branching into the distribution system.

Particulars (a)	Unit A (b)	Unit B (c)	Unit C (d)	
Identification number or name	WELL 4			1
RESERVOIRS, STANDPIPES				2
OR ELEVATED TANKS				3
Type: R (reservoir), S (standpipe)				4
or ET (elevated tank)	R			5
Year constructed	1923			6
Primary material (earthen, steel,				7
concrete, other)	CONCRETE			8
Elevation difference in feet				9
(See Headnote 3.)	1			10
Total capacity in gallons	150,000			11
WATER TREATMENT PLANT				12
Disinfection, type of equipment				13
(gas, liquid, powder, other)	OTHER			14
Points of application				15
(wellhouse, central facilities,				16
booster station, other)	OTHER			17
Filters, type (gravity, pressure,				18
other, none)	NONE			19
Rated capacity of filter plant				20
(m.g.d.) (note: 1,200,000 gal/day				21
= 1.2 m.g.d.)	1.0000			22
Is a corrosion control chemical				23
used (yes, no)?	N			24
Is water fluoridated (yes, no)?	Y			25

WATER MAINS

1. Report mains separately by pipe material, function, diameter and either within or outside the municipal boundaries.
2. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement), or P (Plastic for plastic and all other non-metal excluding asbestos-cement).
3. Identify function as: T (Transmission), D (Distribution) or S (Supply).
4. Explain all reported adjustments as a schedule footnote.
5. For main additions reported in column (e), as a schedule footnote:
   a. Explain how the additions were financed.
   b. If assessed against property owners, explain the basis of the assessments.
   c. If the assessments are deferred, explain.

Pipe Material (a)	Main Function (b)	Diameter in Inches (c)	Number of Feet: First of Year (d)	Added During Year (e)	Retired During Year (f)	Adjustments Increase or (Decrease) (g)	End of Year (h)	
M	D	1.000	202	0	0	0	**202**	**1**
M	D	1.250	204	0	0	0	**204**	**2**
M	D	3.000	343	0	0	0	**343**	**3**
M	D	4.000	97,635	0	4,121	0	**93,514**	**4**
M	D	6.000	58,139	0	4,693	0	**53,446**	**5**
M	D	8.000	66,102	4,611	961	0	**69,752**	**6**
M	T	8.000	3,164	0	0	0	**3,164**	**7**
M	D	10.000	28,627	924	0	0	**29,551**	**8**
M	T	10.000	11,415	340	0	0	**11,755**	**9**
M	D	12.000	12,552	0	1,103	0	**11,449**	**10**
M	T	12.000	10,994	35	0	0	**11,029**	**11**
M	T	16.000	34,419	1,527	0	0	**35,946**	**12**
Total Within Municipality			**323,796**	**7,437**	**10,878**	**0**	**320,355**	
M	T	8.000	8,512	0	0	0	**8,512**	**13**
M	T	10.000	1,659	0	0	0	**1,659**	**14**
M	T	12.000	9,879	0	0	0	**9,879**	**15**
M	T	16.000	6,940	0	0	0	**6,940**	**16**
Total Outside of Municipality			**26,990**	**0**	**0**	**0**	**26,990**	
Total Utility			**350,786**	**7,437**	**10,878**	**0**	**347,345**	

WATER SERVICES

1. Explain all reported adjustments as a schedule footnote.
2. Report in column (h) the number of utility-owned services included in columns (c) through (g) which are temporarily shut off at the curb box or otherwise not in use at end of year.
3. For services added during the year in column (d), as a schedule footnote:
   a. Explain how the additions were financed.
   b. If assessed against property owners, explain the basis of the assessments.
   c. If installed by a property owner or developer, explain the basis of recording the cost of the additions, the total amount and the number of services recorded under this method.
   d. If any were financed by application of Cz-1, provide the total amount recorded and the number of services recorded under this method.
4. Report services separately by pipe material and diameter.
5. Identify pipe material as: L (Lead), M (Metal for all other metal excluding lead), A (Asbestos-cement) or P (Plastic for plastic and all other non-metal excluding asbestos-cement).

Pipe Material (a)	Diameter in Inches (b)	First of Year (c)	Added During Year (d)	Removed or Permanently Disconnected During Year (e)	Adjustments Increase or (Decrease) (f)	End of Year (g)	Utility Owned Services Not In Use at End of Year (h)	
M	0.750	1,814	0	0	0	1,814		1
M	1.000	636	921	0	0	1,557		2
M	1.250	91	292	0	0	383		3
M	1.500	56	1	0	0	57		4
M	2.000	68	28	0	0	96		5
M	3.000	3	0	0	0	3		6
M	4.000	18	0	0	0	18		7
M	6.000	8	0	0	0	8		8
M	8.000	1	0	0	0	1		9
Total Utility		**2,695**	**1,242**	**0**	**0**	**3,937**	**0**	

METERS

1. Include in Columns (b), (c), (d), (e) and (f) meters in stock as well as those in service.
2. Report in Column (c) all meters purchased during the year and in Column (d) all meters junked, sold or otherwise permanently retired during the year.
3. Use Column (e) to show correction to previously reported meter count because of inventory or property record corrections.
4. Totals by size in Column (f) should equal same size totals in Column (o).

Number of Utility-Owned Meters

Size of Meter (a)	First of Year (b)	Added During Year (c)	Retired During Year (d)	Adjustments Increase or (Decrease) (e)	End of Year (f)	Tested During Year (g)	
0.625	2,919	400	12	0	**3,307**	0	**1**
0.750	316	0	0	0	**316**	0	**2**
1.000	61	32	6	0	**87**	0	**3**
1.250	24	0	9	0	**15**	0	**4**
1.500	120	0	5	0	**115**	0	**5**
2.000	108	0	3	0	**105**	0	**6**
3.000	19	0	0	0	**19**	0	**7**
4.000	19	0	0	0	**19**	0	**8**
8.000	1	0	0	0	**1**	0	**9**
Total:	**3,587**	**432**	**35**	**0**	**3,984**	**0**	

Classification of All Meters at End of Year by Customers

Size of Meter (h)	Residential (i)	Commercial (j)	Industrial (k)	Public Authority (l)	Wholesale, Inter-Department or Utility Use (m)	In Stock and Deduct Meters (n)	Total (o)	
0.625	2,933	165	6	8	0	195	**3,307**	**1**
0.750	66	36	1	1	0	212	**316**	**2**
1.000	3	48	6	2	0	28	**87**	**3**
1.250	1	11	2	0	0	1	**15**	**4**
1.500	0	48	4	3	0	60	**115**	**5**
2.000	0	38	10	7	0	50	**105**	**6**
3.000	0	2	5	4	0	8	**19**	**7**
4.000	0	1	10	1	0	7	**19**	**8**
8.000	0	0	0	0	0	1	**1**	**9**
Total:	**3,003**	**349**	**44**	**26**	**0**	**562**	**3,984**	

HYDRANTS AND DISTRIBUTION SYSTEM VALVES

1. Distinguish between fire and flushing hydrants by lead size.
   a. Fire hydrants normally have a lead size of 6 inches or greater.
   b. Record as a flushing hydrant where the lead size is less than 6 inches or if pressure is inadequate to provide fire flow.
2. Explain all reported adjustments in the schedule footnotes.
3. Report fire hydrants as within or outside the municipal boundaries.

Hydrant Type (a)	Number In Service First of Year (b)	Added During Year (c)	Removed During Year (d)	Adjustments Increase or (Decrease) (e)	Number In Service End of Year (f)	
Fire Hydrants						
Outside of Municipality	10				10	**1**
Within Municipality	409	16	1		424	**2**
Total Fire Hydrants	**419**	**16**	**1**	**0**	**434**	
Flushing Hydrants						
	4				4	**3**
Total Flushing Hydrants	**4**	**0**	**0**	**0**	**4**	

Wis. Admin. Code § 185.87 requires that a schedule shall be adopted and followed for operating each system valve and hydrant at least once each two years. Report the number operated during the year

Number of hydrants operated during year:	434
Number of distribution system valves end of year:	750
Number of distribution valves operated during year:	50

WATER OPERATING SECTION FOOTNOTES

Water Operation & Maintenance Expenses (Page W-05)

Account 625 - includes rehabilitation of Well #11 and #13.

Account 651 - extensive repair of watermain breaks resulting from rerouting of water service during the construction of dual water pressure zone system.

Account 923 - includes extensive mapping services required.

Water Utility Plant in Service (Page W-08)

Adjustment column reflects correction of plant classification of electronic equipment.

Water Mains (Page W-15)

City of Hartford paid for all watermain except 1527 feet of 16 inch main. Of that, 150 feet ($9589) is special assessed with payment deferred until annexation. The balance is special assessed and payable over five years with interest (Common Council Resolutions 2713 and 2714).

Water Services (Page W-16)

Services are financed by property owner.

Meters (Page W-17)

Utility has replaced all old residential meters with new TRACE units. Testing suspended in 1998 until project complete.

Hydrants and Distribution System Valves (Page W-18)

Balance of valves will be tested in 1999, in conjunction with Spring 1999 introduction of dual water pressure zone system.

ELECTRIC OPERATING REVENUES & EXPENSES

Particulars (a)	Amounts (b)	
Operating Revenues		
Sales of Electricity		
Sales of Electricity (440-448)	9,335,113	**1**
Total Sales of Electricity	**9,335,113**	
Other Operating Revenues		
Forfeited Discounts (450)	19,159	**2**
Miscellaneous Service Revenues (451)	0	**3**
Sales of Water and Water Power (453)	0	**4**
Rent from Electric Property (454)	23,000	**5**
Interdepartmental Rents (455)	0	**6**
Other Electric Revenues (456)	5,288	**7**
Amortization of Construction Grants (457)	0	**8**
Total Other Operating Revenues	**47,447**	
Total Operating Revenues	**9,382,560**	
Operation and Maintenenance Expenses		
Power Production Expenses (500-546)	7,404,448	**9**
Transmission Expenses (550-553)	0	**10**
Distribution Expenses (560-576)	449,942	**11**
Customer Accounts Expenses (901-904)	127,257	**12**
Sales Expenses (910)	820	**13**
Administrative and General Expenses (920-935)	287,486	**14**
Total Operation and Maintenenance Expenses	**8,269,953**	
Other Expenses		
Depreciation Expense (403)	478,548	**15**
Amortization Expense (404-407)	7,741	**16**
Taxes (408)	313,300	**17**
Total Other Expenses	**799,589**	
Total Operating Expenses	**9,069,542**	
NET OPERATING INCOME	**313,018**	

OTHER OPERATING REVENUES (ELECTRIC)

1. Report revenues relating to each account and fully describe each item using other than the account title.
2. Report each item (when individually or when like items are combined) greater than $10,000 (class AB), $5,000 (class C) and $2,000 (class D and privates) and all other lesser amounts grouped as Miscellaneous.

Particulars (a)	Amount (b)	
Forfeited Discounts (450):		
Customer late payment charges	19,159	1
Other (specify):		
NONE		2
Total Forfeited Discounts (450)	**19,159**	
Miscellaneous Service Revenues (451):		
NONE		3
Total Miscellaneous Service Revenues (451)	**0**	
Sales of Water and Water Power (453):		
NONE		4
Total Sales of Water and Water Power (453)	**0**	
Rent from Electric Property (454):		
Pole Rental Charge	23,000	5
Total Rent from Electric Property (454)	**23,000**	
Interdepartmental Rents (455):		
NONE		6
Total Interdepartmental Rents (455)	**0**	
Other Electric Revenues (456):		
Miscellaneous	2,611	7
Reconnection Charges	2,677	8
Total Other Electric Revenues (456)	**5,288**	
Amortization of Construction Grants (457):		
NONE		9
Total Amortization of Construction Grants (457)	**0**	

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than $5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
POWER PRODUCTION EXPENSES		
STEAM POWER GENERATION EXPENSES		
Operation Supervision and Labor (500)		1
Fuel (501)		2
Operation Supplies and Expenses (502)		3
Steam from Other Sources (503)		4
Steam Transferred -- Credit (504)		5
Maintenance of Steam Production Plant (506)		6
Total Steam Power Generation Expenses	**0**	
HYDRAULIC POWER GENERATION EXPENSES		
Operation Supervision and Labor (530)		7
Water for Power (531)		8
Operation Supplies and Expenses (532)		9
Maintenance of Hydraulic Production Plant (535)		10
Total Hydraulic Power Generation Expenses	**0**	
OTHER POWER GENERATION EXPENSES		
Operation Supervision and Labor (538)		11
Fuel (539)		12
Operation Supplies and Expenses (540)		13
Maintenance of Other Power Production Plant (543)		14
Total Other Power Generation Expenses	**0**	
OTHER POWER SUPPLY EXPENSES		
Purchased Power (545)	7,404,448	15
Other Expenses (546)		16
Total Other Power Supply Expenses	**7,404,448**	
Total Power Production Expenses	**7,404,448**	
TRANSMISSION EXPENSES		
Operation Supervison and Labor (550)		17
Operation Supplies and Expenses (551)		18

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than $5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
TRANSMISSION EXPENSES		
Maintenance of Transmission Plant (553)		**19**
Total Transmission Expenses	**0**	
DISTRIBUTION EXPENSES		
Operation Supervison Expenses (560)		**20**
Line and Station Labor (561)	33,392	**21**
Line and Station Supplies and Expenses (562)	4,318	**22**
Street Lighting and Signal System Expenses (565)	154	**23**
Meter Expenses (566)	24,593	**24**
Customer Installations Expenses (567)	0	**25**
Miscellaneous Distribution Expenses (569)	26,698	**26**
Maintenance of Structures and Equipment (571)	4,935	**27**
Maintenance of Lines (572)	273,571	**28**
Maintenance of Line Transformers (573)	41,193	**29**
Maintenance of Street Lighting and Signal Systems (574)	28,340	**30**
Maintenance of Meters (575)	12,748	**31**
Maintenance of Miscellaneous Distribution Plant (576)		**32**
Total Distribution Expenses	**449,942**	
CUSTOMER ACCOUNTS EXPENSES		
Meter Reading Labor (901)	12,870	**33**
Accounting and Collecting Labor (902)	64,466	**34**
Supplies and Expenses (903)	49,472	**35**
Uncollectible Accounts (904)	449	**36**
Total Customer Accounts Expenses	**127,257**	
SALES EXPENSES		
Sales Expenses (910)	820	**37**
Total Sales Expenses	**820**	

ELECTRIC OPERATION & MAINTENANCE EXPENSES

Each expense account that has an increase or a decrease when compared to the previous year of greater than 25 percent, but not less than $5,000, shall be fully explained in the schedule footnotes.

Particulars (a)	Amount (b)	
ADMINISTRATIVE AND GENERAL EXPENSES		
Administrative and General Salaries (920)	48,064	**38**
Office Supplies and Expenses (921)	34,350	**39**
Administrative Expenses Transferred -- Credit (922)	0	**40**
Outside Services Employed (923)	47,084	**41**
Property Insurance (924)	13,890	**42**
Injuries and Damages (925)	9,600	**43**
Employee Pensions and Benefits (926)	114,222	**44**
Regulatory Commission Expenses (928)	1,459	**45**
Miscellaneous General Expenses (930)	5,210	**46**
Transportation Expenses (933)	0	**47**
Maintenance of General Plant (935)	13,607	**48**
Total Administrative and General Expenses	**287,486**	
Total Operation and Maintenance Expenses	**8,269,953**	

TAXES (ACCT. 408 - ELECTRIC)

When allocation of taxes is made between departments, explain method used.

Description of Tax (a)	Method Used to Allocate Between Departments (b)	Amount (c)	
Property Tax Equivalent		287,674	1
Social Security		38,852	2
Wisconsin Gross Receipts Tax			3
PSC Remainder Assessment	Gross Receipts	11,046	4
Other (specify):			
PILOT Charged to Overhead		(5,001)	5
FICA Charged to Overhead		(19,085)	6
FICA Charged to Merchandising		(186)	7
Total tax expense		**313,300**	

PROPERTY TAX EQUIVALENT (ELECTRIC)

1. Tax rates are those issued in November (usually) of the year being reported and are available from the municipal treasurer. Report the tax rates in mills to six (6) decimal places.
2. The assessment ratio is available from the municipal treasurer. Report the ratio as a decimal to six (6) places.
3. The utility plant balance first of year should include the gross book values of plant in service, property held for future use and construction work in progress.
4. An "other tax rate" is included in the "Net Local and School Tax Rate Calculation" to the extent that it is local. An example is a local library tax. Fully explain the rate in the Property Tax Equivalent schedule footnotes.
5. The Property Tax Equivalent to be reported for the year is determined pursuant to Wis. Stat § 66.069(1)(c). Report the higher of the current year calculation or the tax equivalent reported in the 1994 PSC annual report, unless, the municipality has authorized a lower amount, then that amount is reported as the property tax equivalent.
6. If the municipality has authorized a lower amount, the authorization description and date of the authorization must be reported in the Property Tax Equivalent schedule footnotes.

Particulars (a)	Units (b)	Total (c)	County A (d)	County B (e)	County C (f)	County D (g)	
County name			Washington				1
SUMMARY OF TAX RATES							2
State tax rate	mills		0.201145				3
County tax rate	mills		3.949232				4
Local tax rate	mills		7.416320				5
School tax rate	mills		12.699696				6
Voc. school tax rate	mills		1.433905				7
Other tax rate - Local	mills		0.000000				8
Other tax rate - Non-Local	mills		0.000000				9
Total tax rate	mills		**25.700298**				10
Less: state credit	mills		1.890294				11
Net tax rate	mills		**23.810004**				12
PROPERTY TAX EQUIVALENT CALCULATION							13
Local Tax Rate	mills		**7.416320**				14
Combined School Tax Rate	mills		**14.133601**				15
Other Tax Rate - Local	mills		**0.000000**				16
Total Local & School Tax	mills		**21.549921**				17
Total Tax Rate	mills		**25.700298**				18
Ratio of Local and School Tax to Total	dec.		**0.838509**				19
Total tax net of state credit	mills		**23.810004**				20
Net Local and School Tax Rate	mills		**19.964893**				21
Utility Plant, Jan. 1	$	**13,714,754**	13,714,754				22
Materials & Supplies	$	**904,318**	904,318				23
Subtotal	$	**14,619,072**	**14,619,072**				24
Less: Plant Outside Limits	$	**130,410**	130,410				25
Taxable Assets	$	**14,488,662**	**14,488,662**				26
Assessment Ratio	dec.		0.994500				27
Assessed Value	$	**14,408,974**	**14,408,974**				28
Net Local & School Rate	mills		**19.964893**				29
Tax Equiv. Computed for Current Year	$	**287,674**	**287,674**				30
Tax Equivalent per 1994 PSC Report	$	283,971					31
Any lower tax equivalent as authorized by municipality (see note 5)	$						32 33
Tax equiv. for current year (see note 5)	$	**287,674**					34

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over $50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
INTANGIBLE PLANT			
Organization (301)	0		1
Franchises and Consents (302)	0		2
Miscellaneous Intangible Plant (303)	0		3
Total Intangible Plant	**0**	**0**	
STEAM PRODUCTION PLANT			
Land and Land Rights (310)	0		4
Structures and Improvements (311)	0		5
Boiler Plant Equipment (312)	0		6
Engines and Engine Driven Generators (313)	0		7
Turbogenerator Units (314)	0		8
Accessory Electric Equipment (315)	0		9
Miscellaneous Power Plant Equipment (316)	0		10
Total Steam Production Plant	**0**	**0**	
HYDRAULIC PRODUCTION PLANT			
Land and Land Rights (330)	0		11
Structures and Improvements (331)	0		12
Reservoirs, Dams and Waterways (332)	0		13
Water Wheels, Turbines and Generators (333)	0		14
Accessory Electric Equipment (334)	0		15
Miscellaneous Power Plant Equipment (335)	0		16
Roads, Railroads and Bridges (336)	0		17
Total Hydraulic Production Plant	**0**	**0**	
OTHER PRODUCTION PLANT			
Land and Land Rights (340)	0		18
Structures and Improvements (341)	0		19
Fuel Holders, Producers and Accessories (342)	0		20
Prime Movers (343)	0		21
Generators (344)	0		22
Accessory Electric Equipment (345)	0		23
Miscellaneous Power Plant Equipment (346)	0		24
Total Other Production Plant	**0**	**0**	
TRANSMISSION PLANT			
Land and Land Rights (350)	0		25

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
INTANGIBLE PLANT				
Organization (301)			**0**	**1**
Franchises and Consents (302)			**0**	**2**
Miscellaneous Intangible Plant (303)			**0**	**3**
Total Intangible Plant	**0**	**0**	**0**	
STEAM PRODUCTION PLANT				
Land and Land Rights (310)			**0**	**4**
Structures and Improvements (311)			**0**	**5**
Boiler Plant Equipment (312)			**0**	**6**
Engines and Engine Driven Generators (313)			**0**	**7**
Turbogenerator Units (314)			**0**	**8**
Accessory Electric Equipment (315)			**0**	**9**
Miscellaneous Power Plant Equipment (316)			**0**	**10**
Total Steam Production Plant	**0**	**0**	**0**	
HYDRAULIC PRODUCTION PLANT				
Land and Land Rights (330)			**0**	**11**
Structures and Improvements (331)			**0**	**12**
Reservoirs, Dams and Waterways (332)			**0**	**13**
Water Wheels, Turbines and Generators (333)			**0**	**14**
Accessory Electric Equipment (334)			**0**	**15**
Miscellaneous Power Plant Equipment (335)			**0**	**16**
Roads, Railroads and Bridges (336)			**0**	**17**
Total Hydraulic Production Plant	**0**	**0**	**0**	
OTHER PRODUCTION PLANT				
Land and Land Rights (340)			**0**	**18**
Structures and Improvements (341)			**0**	**19**
Fuel Holders, Producers and Accessories (342)			**0**	**20**
Prime Movers (343)			**0**	**21**
Generators (344)			**0**	**22**
Accessory Electric Equipment (345)			**0**	**23**
Miscellaneous Power Plant Equipment (346)			**0**	**24**
Total Other Production Plant	**0**	**0**	**0**	
TRANSMISSION PLANT				
Land and Land Rights (350)			**0**	**25**

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over $50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
TRANSMISSION PLANT			
Structures and Improvements (352)	0		26
Station Equipment (353)	0		27
Towers and Fixtures (354)	0		28
Poles and Fixtures (355)	0		29
Overhead Conductors and Devices (356)	0		30
Underground Conduit (357)	0		31
Underground Conductors and Devices (358)	0		32
Roads and Trails (359)	0		33
Total Transmission Plant	**0**	**0**	
DISTRIBUTION PLANT			
Land and Land Rights (360)	22,700		34
Structures and Improvements (361)	3,159,477	33,655	35
Station Equipment (362)	420,155		36
Storage Battery Equipment (363)	0		37
Poles, Towers and Fixtures (364)	1,442,800	71,061	38
Overhead Conductors and Devices (365)	1,534,402	109,274	39
Underground Conduit (366)	75,710	67,284	40
Underground Conductors and Devices (367)	1,782,116	427,710	41
Line Transformers (368)	2,243,338	173,436	42
Services (369)	526,339	82,482	43
Meters (370)	535,308	26,500	44
Installations on Customers' Premises (371)	1,016		45
Leased Property on Customers' Premises (372)	0		46
Street Lighting and Signal Systems (373)	734,346	79,558	47
Total Distribution Plant	**12,477,707**	**1,070,960**	
GENERAL PLANT			
Land and Land Rights (389)	7,522		48
Structures and Improvements (390)	91,142		49
Office Furniture and Equipment (391)	29,948		50
Computer Equipment (391.1)	193,525	9,976	51
Transportation Equipment (392)	362,164	97,535	52
Stores Equipment (393)	7,679		53
Tools, Shop and Garage Equipment (394)	70,680	876	54
Laboratory Equipment (395)	39,790		55
Power Operated Equipment (396)	48,772		56
Communication Equipment (397)	11,290	970	57

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
TRANSMISSION PLANT				
Structures and Improvements (352)			**0**	**26**
Station Equipment (353)			**0**	**27**
Towers and Fixtures (354)			**0**	**28**
Poles and Fixtures (355)			**0**	**29**
Overhead Conductors and Devices (356)			**0**	**30**
Underground Conduit (357)			**0**	**31**
Underground Conductors and Devices (358)			**0**	**32**
Roads and Trails (359)			**0**	**33**
Total Transmission Plant	**0**	**0**	**0**	
DISTRIBUTION PLANT				
Land and Land Rights (360)			**22,700**	**34**
Structures and Improvements (361)	0	(325,587)	**2,867,545**	**35**
Station Equipment (362)			**420,155**	**36**
Storage Battery Equipment (363)			**0**	**37**
Poles, Towers and Fixtures (364)	15,397	83,092	**1,581,556**	**38**
Overhead Conductors and Devices (365)	36,842	54,369	**1,661,203**	**39**
Underground Conduit (366)			**142,994**	**40**
Underground Conductors and Devices (367)	468	0	**2,209,358**	**41**
Line Transformers (368)	3,632		**2,413,142**	**42**
Services (369)	1,167	5,078	**612,732**	**43**
Meters (370)	5,296	0	**556,512**	**44**
Installations on Customers' Premises (371)			**1,016**	**45**
Leased Property on Customers' Premises (372)			**0**	**46**
Street Lighting and Signal Systems (373)	27,583		**786,321**	**47**
Total Distribution Plant	**90,385**	**(183,048)**	**13,275,234**	
GENERAL PLANT				
Land and Land Rights (389)			**7,522**	**48**
Structures and Improvements (390)			**91,142**	**49**
Office Furniture and Equipment (391)			**29,948**	**50**
Computer Equipment (391.1)		183,048	**386,549**	**51**
Transportation Equipment (392)			**459,699**	**52**
Stores Equipment (393)			**7,679**	**53**
Tools, Shop and Garage Equipment (394)			**71,556**	**54**
Laboratory Equipment (395)			**39,790**	**55**
Power Operated Equipment (396)			**48,772**	**56**
Communication Equipment (397)			**12,260**	**57**

ELECTRIC UTILITY PLANT IN SERVICE

1. All adjustments, corrections and reclassifications should be reported in Column (f), Adjustments.
2. Explain fully as a schedule footnote the nature of all entries reported in Column (f), Adjustments.
3. Explain as a schedule footnote the dollar additions and retirements reported in Columns (c) and (e) for each account over $50,000 not supported by statistical schedules.
4. Use only the account titles listed. If the utility has subaccounts other than accounts 391.1 and 397.1, combine them into one total and detail by subaccount as a schedule footnote.

Accounts (a)	Balance First of Year (b)	Additions During Year (c)	
GENERAL PLANT			
Miscellaneous Equipment (398)	33,219		**58**
Other Tangible Property (399)	0		**59**
Total General Plant	**895,731**	**109,357**	
Total utility plant in service directly assignable	**13,373,438**	**1,180,317**	
Common Utility Plant Allocated to Electric Department	0		**60**
Total utility plant in service	**13,373,438**	**1,180,317**	

ELECTRIC UTILITY PLANT IN SERVICE (cont.)

Accounts (d)	Retirements During Year (e)	Adjustments Increase or (Decrease) (f)	Balance End of Year (g)	
GENERAL PLANT				
Miscellaneous Equipment (398)			**33,219**	**58**
Other Tangible Property (399)			**0**	**59**
Total General Plant	**0**	**183,048**	**1,188,136**	
Total utility plant in service directly assignable	**90,385**	**0**	**14,463,370**	
Common Utility Plant Allocated to Electric Department			**0**	**60**
Total utility plant in service	**90,385**	**0**	**14,463,370**	

TRANSMISSION AND DISTRIBUTION LINES

Classification (a)	Miles of Pole Line Owned: Net Additions During Year (b)	Miles of Pole Line Owned: Total End of Year (c)	
Primary Distribution System Voltage(s) -- Urban			
2.4/4.16 kV (4kV)	6.00	200.00	1
7.2/12.5 kV (12kV)	0.00	0.00	2
14.4/24.9 kV (25kV)	8.00	75.00	3
Other:			
NONE			4
Primary Distribution System Voltage(s) -- Rural			
2.4/4.16 kV (4kV)			5
7.2/12.5 kV (12kV)			6
14.4/24.9 kV (25kV)			7
Other:			
NONE			8
Transmission System			
34.5 kV			9
69 kV			10
115 kV			11
138 kV			12
Other:			
NONE			13

RURAL LINE CUSTOMERS

Rural lines are those serving mainly rural or farm customers. Farm customers are those on a tract of land, 10 or more acres used mainly to produce farm products, or those on any place of 10 acres or less where customer devotes his entire time thereon to agriculture. Rural customers are those billed under distinct rural or farm rates.

Particulars (a)	Amount (b)	
Customers added on rural lines during year:		1
Farm Customers	0	2
Nonfarm Customers	0	3
Total	**0**	4
Customers on rural lines at end of year:		5
Rural Customers (served at rural rates):		6
Farm	0	7
Nonfarm	0	8
Total	**0**	9
Customers served at other than rural rates:		10
Farm	0	11
Nonfarm	0	12
Total	**0**	13
Total customers on rural lines at end of year	**0**	14

MONTHLY PEAK DEMAND AND ENERGY USAGE

1. Report hereunder the information called for pertaining to simultaneous peak demand established monthly and monthly energy usage col. (f) (in thousands of kilowatt-hours).
2. Monthly peak col. (b) (reported as actual number) should be respondent's maximum kw. load as measured by the sum of its coincidental net generation and purchases plus or minus net interchange, minus temporary deliveries (not interchange) of emergency power to another system.
3. Monthly energy usage should be the sum of respondent's net generation for load and purchases plus or minus net interchange and plus or minus net transmission or wheeling. Total for the year should agree with Total Source of Energy on the Electric Energy Account schedule.
4. If the utility has two or more power systems not physically connected, the information called for below should be furnished for each system.
5. Time reported in column (e) should be in military time (e.g., 6:30 pm would be reported as 18:30).

Month (a)		Monthly Peak kW (b)	Day of Week (c)	Date (MM/DD/YYYY) (d)	Time Beginning (HH:MM) (e)	Monthly Energy Usage (kWh) (000's) (f)	
January	01	29,819	Wednesday	01/14/1998	12:00	17,271	1
February	02	29,375	Tuesday	02/03/1998	09:00	15,869	2
March	03	29,634	Wednesday	03/11/1998	09:00	17,362	3
April	04	28,967	Thursday	04/23/1998	14:00	16,095	4
May	05	31,504	Friday	05/29/1998	15:00	16,762	5
June	06	34,611	Thursday	06/25/1998	14:00	17,541	6
July	07	35,568	Tuesday	07/14/1998	14:00	18,926	7
August	08	35,998	Monday	08/24/1998	13:00	19,682	8
September	09	32,467	Tuesday	09/15/1998	11:00	18,123	9
October	10	30,149	Tuesday	10/06/1998	12:00	17,920	10
November	11	30,410	Thursday	11/19/1998	18:00	16,719	11
December	12	31,814	Tuesday	12/22/1998	19:00	17,786	12
Total		**380,316**				**210,056**	

System Name WISCONSIN PUBLIC POWER INC

State type of monthly peak reading (instantaneous 0, 15, 30, or 60 minutes integrated) and supplier.

Type of Reading	Supplier
15 minutes integrated	WISCONSIN PUBLIC POWER INC

ELECTRIC ENERGY ACCOUNT

Particulars (a)		kWh (000's) (b)	
Source of Energy			
Generation (excluding Station Use):			
Fossil Steam			1
Nuclear Steam			2
Hydraulic			3
Internal Combustion Turbine			4
Internal Combustion Reciprocating			5
Non-Conventional (wind, photovoltaic, etc.)			6
Total Generation		**0**	7
Purchases		210,056	8
Interchanges:	In (gross)		9
	Out (gross)		10
	Net	**0**	11
Transmission for/by others (wheeling):	Received		12
	Delivered		13
	Net	**0**	14
Total Source of Energy		**210,056**	15
			16
Disposition of Energy			17
Sales to Ultimate Consumers (including interdepartmental sales)		202,967	18
Sales For Resale			19
Energy Used by the Company (excluding station use):			20
Electric Utility		80	21
Common (office, shops, garages, etc. serving 2 or more util. depts.)			22
Total Used by Company		**80**	23
Total Sold and Used		**203,047**	24
Energy Losses:			25
Transmission Losses (if applicable)			26
Distribution Losses		7,009	27
Total Energy Losses		**7,009**	28
Loss Percentage (% Total Energy Losses of Total Source of Energy)		**3.3367%**	29
Total Disposition of Energy		**210,056**	30

SALES OF ELECTRICITY BY RATE SCHEDULE

1. Column (e) is the sum of the 12 monthly peak demands for all of the customers in each class.
2. Column (f) is the sum of the 12 monthly customer (or distribution) demands for all of the customers in each class.

Type of Sales/Rate Class Title (a)	Rate Schedule (b)	Avg. No. of Customers (c)	kWh (000 Omitted) (d)	
Residential Sales				
Residential	RG-1	3,978	29,976	**1**
Total Sales for Residential Sales		**3,978**	**29,976**	
Commercial & Industrial				
Commercial	CG-1	678	23,278	**2**
Industrial	CP-1	8	2,206	**3**
Industrial	CP-2	21	43,120	**4**
Industrial	CP-3	4	103,153	**5**
Total Sales for Commercial & Industrial		**711**	**171,757**	
Public Street & Highway Lighting				
Municipal Street Lighting	MS-1	5	1,234	**6**
Total Sales for Public Street & Highway Lighting		**5**	**1,234**	
Sales for Resale				
NONE				**7**
Total Sales for Sales for Resale		**0**	**0**	
TOTAL SALES FOR ELECTRICITY		**4,694**	**202,967**	

SALES OF ELECTRICITY BY RATE SCHEDULE (cont.)

Demand kW (e)	Customer or Distribution kW (f)	Tariff Revenues (g)	PCAC Revenues (h)	Total Revenues (g)+(h)	
0	0	1,973,975	53,422	**2,027,397**	**1**
0	**0**	**1,973,975**	**53,422**	**2,027,397**	
0	0	1,544,407	41,291	**1,585,698**	**2**
8,456	0	142,860	6,480	**149,340**	**3**
106,286	114,933	1,798,141	81,442	**1,879,583**	**4**
199,620	215,904	3,378,077	152,959	**3,531,036**	**5**
314,362	**330,837**	**6,863,485**	**282,172**	**7,145,657**	
0	0	160,337	1,722	**162,059**	**6**
0	**0**	**160,337**	**1,722**	**162,059**	
				0	**7**
0	**0**	**0**	**0**	**0**	
314,362	**330,837**	**8,997,797**	**337,316**	**9,335,113**	

PURCHASED POWER STATISTICS

Use separate columns for each point of delivery, where a different wholesale supplier contract applies.

Particulars (a)		(b)		(c)		
Name of Vendor		WPPI				1
Point of Delivery		HARTFORD				2
Type of Power Purchased (firm, dump, etc.)		FIRM				3
Voltage at Which Delivered		138000				4
Point of Metering		HARTFORD				5
Total of 12 Monthly Maximum Demands -- kW		380,316				6
Average load factor		**75.6599%**				7
Total Cost of Purchased Power		7,404,448				8
Average cost per kWh		**0.0353**				9
On-Peak Hours (if applicable)		3570				10
Monthly purchases --- kWh (000):		**On-peak**	**Off-peak**	**On-peak**	**Off-peak**	11
	January	7,939	9,332			12
	February	7,604	8,265			13
	March	8,294	9,068			14
	April	7,917	8,178			15
	May	7,569	9,193			16
	June	8,643	8,898			17
	July	9,519	9,407			18
	August	9,020	10,662			19
	September	8,503	9,620			20
	October	8,476	9,444			21
	November	7,625	9,094			22
	December	8,435	9,350			23
	Total kWh (000)	**99,544**	**110,511**			24
						25
						26
						27

		(d)		(e)		
Name of Vendor						29
Point of Delivery						30
Voltage at Which Delivered						31
Point of Metering						32
Type of Power Purchased (firm, dump, etc.)						33
Total of 12 Monthly Maximum Demands -- kW						34
Average load factor						35
Total Cost of Purchased Power						36
Average cost per kWh						37
On-Peak Hours (if applicable)						38
Monthly purchases --- kWh (000):		**On-peak**	**Off-peak**	**On-peak**	**Off-peak**	39
	January					40
	February					41
	March					42
	April					43
	May					44
	June					45
	July					46
	August					47
	September					48
	October					49
	November					50
	December					51
	Total kWh (000)					52

PRODUCTION STATISTICS TOTALS

Particulars (a)		Total (b)	
Name of Plant			1
Unit Identification			2
Type of Generation			3
kWh Net Generation (000)		0	4
Is Generation Metered or Estimated?			5
Is Exciter & Station Use Metered or Estimated?			6
60-Minute Maximum Demand--kW (est. if not meas.)		0	7
Date and Hour of Such Maximum Demand			8
Load Factor			9
Maximum Net Generation in Any One Day		0	10
Date of Such Maximum			11
Number of Hours Generators Operated			12
Maximum Continuous or Dependable Capacity--kW		0	13
Is Plant Owned or Leased?			14
Total Production Expenses		0	15
Cost per kWh of Net Generation ($)			16
Monthly Net Generation --- kWh (000):	January	0	17
	February	0	18
	March	0	19
	April	0	20
	May	0	21
	June	0	22
	July	0	23
	August	0	24
	September	0	25
	October	0	26
	November	0	27
	December	0	28
Total kWh (000)		0	29
Gas Consumed--Therms		0	30
Average Cost per Therm Burned ($)			31
Fuel Oil Consumed Barrels (42 gal.)		0	32
Average Cost per Barrel of Oil Burned ($)			33
Specific Gravity			34
Average BTU per Gallon			35
Lubricating Oil Consumed--Gallons		0	36
Average Cost per Gallon ($)			37
kWh Net Generation per Gallon of Fuel Oil			38
kWh Net Generation per Gallon of Lubr. Oil			39
Does plant produce steam for heating or other			40
purposes in addition to elec. generation?			41
Coal consumed--tons (2,000 lbs.)		0	42
Average Cost per Ton ($)			43
Kind of Coal Used			44
Average BTU per Pound			45
Water Evaporated--Thousands of Pounds		0	46
Is Water Evaporated, Metered or Estimated?			47
Lbs. of Steam per Lb. of Coal or Equivalent Fuel			48
Lbs. of Coal or Equiv. Fuel per kWh Net Gen.			49
Based on Total Coal Used at Plant			50
Based on Coal Used Solely in Electric Generation			51
Average BTU per kWh Net Generation			52
Total Cost of Fuel (Oil and/or Coal)			53
per kWh Net Generation ($)			54

PRODUCTION STATISTICS

Particulars (a)	Plant (b)	Plant (c)	Plant (d)	Plant (e)

NONE

STEAM PRODUCTION PLANTS

1. Report each boiler and each generating unit separately. Indicate any other than 60 hertz.
2. In columns (c) and (i), report year equipment was first placed in service, regardless of subsequent change in ownership.

	Boilers						
Name of Plant (a)	Unit No. (b)	Year Installed (c)	Rated Steam Pressure (lbs.) (d)	Rated Steam Temp. F. (e)	Type (f)	Fuel Type and Firing Method (g)	Rated Maximum Steam Pressure (1000 lbs./hr.) (h)	
NONE								1
						Total	0	

STEAM PRODUCTION PLANTS (cont.)

3. Under column (j), report tandem-compound (TC); cross-compound (CC); single casing (SC); topping unit (T); noncondensing (NC); and reciprocating (R). Show back pressure.
4. In column (q), report actual load in kW which the plant will carry over an indefinite period as determined by experience or accredited capability tests.

Turbine-Generators

Year Installed (i)	Type (j)	RPM (k)	Voltage (kV) (l)	kWh Generated by Each Unit During Yr. (000's) (m)	Rated Unit Capacity kW (n)	Rated Unit Capacity kVA (o)	Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Capacity (kW) (q)	
								0	1
			Total	**0**	**0**	**0**	**0**	**0**	

HYDRAULIC GENERATING PLANTS

1. In column (d), indicate type of unit--horizontal, vertical, bulb, etc.
2. In column (j), report operating head as indicated by manufacturer's rating of wheel horsepower.

Name of Plant (a)	Name of Stream (b)	Control (Attended, Automatic or Remote) (c)	Type (d)	Prime Movers			
				Unit No. (e)	Year Installed (f)	RPM (g)	Rated HP Each Unit (h)

NONE

HYDRAULIC GENERATING PLANTS (cont.)

3. Capacity shown in column (q) should be based on the equipment installed and determined independently by stream flow; i.e., on the assumption of adequate stream flow.

Generators							Total Rated Plant Capacity (kW) (p)	Total Maximum Continuous Plant Capacity (kW) (q)
Rated Head (i)	Operating Head (j)	Year Installed (k)	Voltage (kV) (l)	kWh Generated by Each Unit During Year (000's) (m)	Rated Unit Capacity kW (n)	Rated Unit Capacity kVA (o)		

SUBSTATION EQUIPMENT

Report separately each substation used wholly or in part for transmission, each distribution substation over 1,000 kVA capacity and each substation that serves customers with energy for resale.

Particulars (a)	Utility Designation (b)	(c)	(d)	(e)	(f)	
Name of Substation	AIRPORT DR	HTFD BULK	HWY. 83	MONROE	RURAL ST	1
Voltage--High Side	24,900	138,000	24,900	24,900	24,900	2
Voltage--Low Side	4,160	25	4,160	4,160	4,160	3
Num. Main Transformers in Operation	1	2	1	1	2	4
Capacity of Transformers in kVA	3,750	60	1	5,000	7,750	5
Number of Spare Transformers on Hand				0		6
15-Minute Maximum Demand in kW						7
Dt and Hr of Such Maximum Demand						8
						9
Kwh Output						10
						11

SUBSTATION EQUIPMENT (continued)

Particulars (g)	Utility Designation (h)	(i)	(j)	(k)	(l)	
Name of Substation	SPARE	WILSON AVE				16
Voltage--High Side	24,900	24,900				17
Voltage--Low Side	4,160	4,160				18
Num. of Main Transformers in Operation	1	2				19
Capacity of Transformers in kVA	3,750	7,750				20
Number of Spare Transformers on Hand	1					21
15-Minute Maximum Demand in kW						22
Dt and Hr of Such Maximum Demand						23
						24
Kwh Output						25
						26

SUBSTATION EQUIPMENT (continued)

Particulars (m)	Utility Designation (n)	(o)	(p)	(q)	(r)	
Name of Substation						31
Voltage--High Side						32
Voltage--Low Side						33
Num. of Main Transformers in Operation						34
Capacity of Transformers in kVA						35
Number of Spare Transformers on Hand						36
15-Minute Maximum Demand in kW						37
Dt and Hr of Such Maximum Demand						38
						39
Kwh Output						40

ELECTRIC DISTRIBUTION METERS & LINE TRANSFORMERS

Particulars (a)	Number of Watt-Hour Meters (b)	Line Transformers		
		Number (c)	Total Cap. (kVA) (d)	
Number first of year	5,021	1,114	111,557	1
Acquired during year	420	107	8,975	2
Total	**5,441**	**1,221**	**120,532**	3
Retired during year	86	6	263	4
Sales, transfers or adjustments increase (decrease)				5
Number end of year	**5,355**	**1,215**	**120,269**	6
Number end of year accounted for as follows:				7
In customers' use				8
In utility's use	5,355	1,215	120,269	9
Inactive transformers on system				10
Locked meters on customers' premises				11
In stock				12
Total end of year	**5,355**	**1,215**	**120,269**	13

STREET LIGHTING EQUIPMENT

1. Under column (a) use the following types: Sodium Vapor, Mercury Vapor, Incandescent, Fluorescent, Metal Halide/Halogen, Other.
2. Indicate size in watts, column(b).
3. If breakdown of kWh column (d) is not available, please allocate based on utility's best estimate.

Particulars (a)	Watts (b)	Number Each Type (c)	kWh Used Annually (d)	
Street Lighting Non-Ornamental				
Mercury Vapor	400	8	16,992	**1**
Sodium Vapor	70	2	1,720	**2**
Sodium Vapor	150	598	790,487	**3**
Sodium Vapor	200	2	1,908	**4**
Sodium Vapor	250	296	564,768	**5**
Total		**906**	**1,375,875**	
Ornamental				
Sodium Vapor	100	37	31,807	**6**
Sodium Vapor	150	84	111,038	**7**
Total		**121**	**142,845**	
Other				
Other	1	2	110	**8**
Other	150	40	55,090	**9**
Total		**42**	**55,200**	

ELECTRIC OPERATING SECTION FOOTNOTES

Electric Operation & Maintenance Expenses (Page E-03)

Account 545 - increase of nearly $900,000 reflects increased demand for power.

Account 562 - fewer repairs to regulators than previous year.

Account 566 - More meters were tested in 1997.

Account 572 - increases resulted from inventory adjustments, added expense to respond to wind storm damage, and cost of line transfers on State Hwy. 60

Account 573 - Transformer work required at five new locations in City.

Account 575 - More testing was conducted in 1997.

Account 910 - More rebates were given in 1997.

Account 923 - Customer Service Representative contracted for in 1998.

Electric Utility Plant in Service (Page E-06)

Transportation equipment includes new truck.
Adjustment column reflects correction of plant classification of electronic equipment.